

**GOVERNMENT OF INDIA
AGRICULTURE AND FARMERS WELFARE
LOK SABHA**

UNSTARRED QUESTION NO:1137
ANSWERED ON:22.11.2016
Biotech-Kisan and Cattle Genomics Scheme
Mahendran Shri C.

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether the Government has launched two new schemes namely Biotech-KISAN and Cattle Genomics recently;
- (b) if so, the details thereof;
- (c) whether the scheme is likely to boost rural economy and if so, the details thereof;
- (d) the major salient features of the schemes;
- (e) whether these schemes are likely to be implemented in all the States; and
- (f) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

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- (a) to (f): Yes, Madam. The Government has initiated a new scheme namely "National Mission on Bovine Productivity" with an allocation of Rs. 825 crore over a period of 3 years. The scheme envisages establishment of National Bovine Genomic Centre for Indigenous Breed (NBGC-IB).

The aim of the NBGC is undertake all the activities related to introduction of genomic selection procedures among indigenous bovine breeds or production of supply of high quality genomic tested bulls thereby enhancing milk production and productivity and making indigenous breeds more remunerative to the farmers.

Salient features of the Scheme (NBGC-IB)

- (a) Improving breeding standards of indigenous breeds and thereby realizing faster genetic gain and growth rate in milk production.
- (b) Graining capability within country to design and fabricate Single Nucleotide Polymorphism (SNP) chips for screening animals for indigenous breeds.
- (c) To adopt strategy for selecting high genetic merit animals in the breeding programme of animals of national level.
- (d) To select breeding bulls of high genetic merit at young calf hood stage.
- (e) To create the world class referral centre facility for SNP genotyping of Indian milk producing animals on a commercial basis for decision making about adopting an appropriate breeding plan.
- (f) Benefits of the scheme will be available to all the States of the country in terms of increase in milk production and productivity.
